



# CAPPING EQUIPMENT

Adelphi offer a range of capping and closing machinery ideal for full-scale production environments

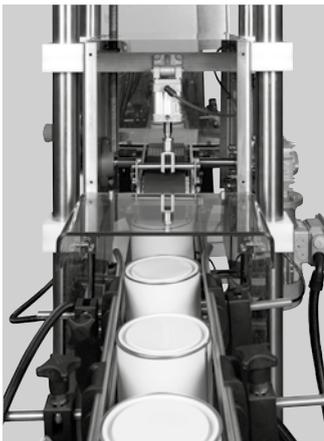
## Mastercap®

Adelphi manufactures the highly regarded Mastercap range of capping and lidding machines, and can deliver reliable after sales support wherever you are in the world.

Adelphi machines are purchased by customers ranging from small independent manufacturers to international household names, operating in a broad spread of industries from foods and toiletries to lube oil and agrochemicals.

Known for their robust construction, hundreds of Mastercap machines can be found in operation around the world, with many of them still running as intended over twenty years after installation.

Whether you want just a capper or a fully integrated turnkey packaging line, Adelphi is able to help.



## Mastercap® 3- or 4-head rotary capper

The Mastercap rotary capper offers flexibility, robustness, reliability and speed to meet a range of applications. It is this impressive combination of attributes which has met demanding pan-industry production requirements, particularly important in toiletry, lube oil, chemical and household product filling lines where speed is top priority.

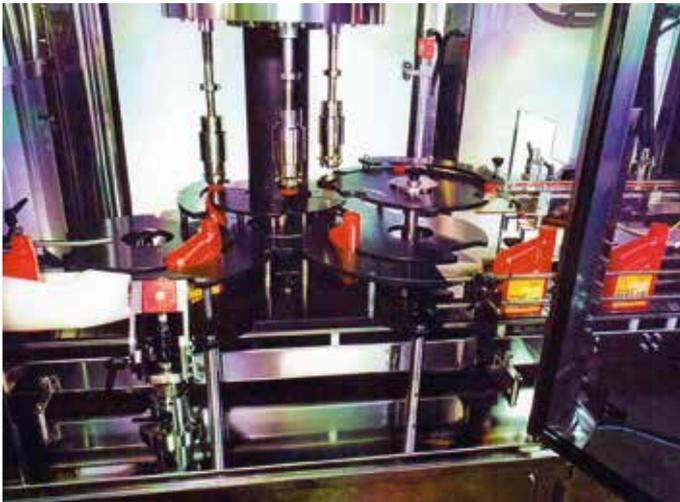
This rotary capper is designed to withstand the harshest of production environments and to provide a fast, robust and reliable solution to virtually any capping requirement. It is capable of applying up to 140 caps per minute, and able to handle a wide range of caps including:

- Screw caps.
- Press-on caps.
- Tamper proof caps.
- Aerosol overcaps.
- Inserts.



### Key features and options

- Push button height adjustment of capping heads
- Colour coded change parts
- 3 or 4 capping heads
- Easily adjustable variable torque magnetic clutches
- Cap unscrambler and feed conveyor
- Programmable touch screen HMI controls
- Capping zone protected by interlocked guards
- Cap feed elevator to disk feeder
- Pharmaceutical specification conveyor
- 304 stainless steel machine cabinet
- Missing cap detector with cap rejects



	Specification
Cap range	20–80mm
Output	140 containers per minute
Height	2.4–2.6m (approx)
Depth	1.1–1.5m (approx)
Width	2.6m (approx)
Weight	1800kg
Working pressure	6 bar (0.6Mpa)
Electricity supply	240V

## Mastercap® single-head indexing capper

The Mastercap single head indexing capper provides a reliable and versatile capping operation at speeds of up to 60 caps per minute, and is designed to handle:

- Screw caps.
- Press-on caps.
- Tamper proof caps.
- Aerosol overcaps.
- Inserts.

	Specification
Cap range	20–80mm
Output	60 containers per minute
Height	2.4–2.8m (approx)
Depth	1.3m (approx)
Width	2.3m (approx)
Weight	650 kg (approx)
Working pressure	6 bar (0.6Mpa)
Electricity supply	240V

The machine comes with an elevator cap feeder and 304 stainless steel cladding as standard, although options such as bowl feeders and ATEX certification are available.

### Key features and options

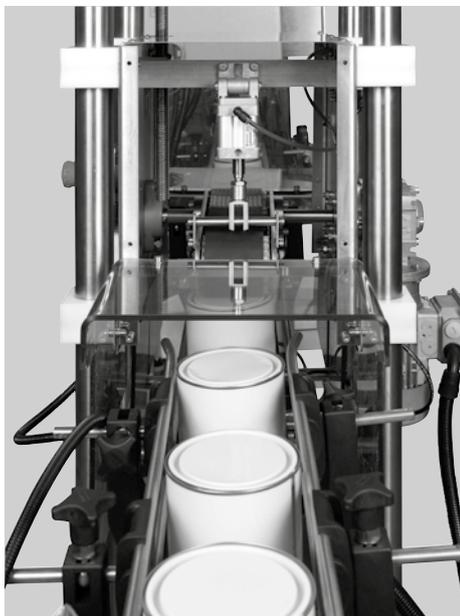
- Easily adjustable variable torque magnetic clutch
- In-line model available for containers up to 25 litres
- ‘No container, no cap’ and queue sensing
- Push button height adjustment
- Cap track low level detection
- Full integration of filler and capper
- 304 grade stainless steel cladding
- Elevator cap feeder/sorter
- Vibratory bowl feeder
- Programmable touch screen HMI controls
- ATEX compliant
- Missing cap detector.
- ‘No foil’ detection and cap reject



## Mastercap® semi-automatic cap tightener

Designed to handle screw, press on and tamper proof caps, this semi-automatic machine is ideal for companies operating medium batch production runs of different containers.

Caps are hand placed onto the containers which then travel along the conveyor until they reach the locating starwheel. A capping head then descends and tightens the cap to a predetermined level of torque. The head then rises and the now capped container continues down the line.



## Mastercap® lid presser

Lids or caps are hand placed onto the containers. The containers then pass under the belt driven pressing band, pressing the lids into place. The speeds can be varied to suit the feed conveyor.

## Mastercap® handheld cap tightener

A hand held semi-automatic solution that is ideal for those operating small batch production runs. Application torque can be quickly and easily adjusted, and caps will be tightened to a consistent level every time.

Usually these are fitted to the side of our semi-automatic filling machines on a retractable tether, however they can also be supplied as stand alone units if required.

